



+
N^o 15.

Journal kept in the B. Telemachus, Henry Ellis, master by
Victor Blau Jun^r.

Voyage from Salem to Arabia & back,

Take a departure from Cape Ann (271). meet with the wreck of a
vessel and pick up a bale of cotton (273). Make Trinidad & Martin's
Islands, view of them (279). get soundings on Lagullas bank (285).
Make the land of Africa (289). Observe the latitude of the entrance
of Inhambane river $23^{\circ}.41'S$. whence Cape Corrientes nearly $26^{\circ}.0'S$.
(page 289), come to anchor at the mouth of that river Inhambane,
Set sail from thence, experience a southerly current (291). Various remarks
on the soundings currents &c. come to anchor in the Mozambique (293).

Set sail from the Mozambique for Zanzibar (293). Current setting
S.W. 1 & 1 $\frac{1}{2}$ knots. (295). make Comora (295). Zanzibar (295). come to
anchor in Pemba, remarks on its latitude & that of Zanzibar (297).
Make Socotra (301) arrive at Maculla (301). Various magnetical
observations on this passage (303).

Wearied Anchor & set sail for America (303) pass under the lee
of Socotra, make the Brothers (303) at noon observe in the latitude $12.29S$.
when the southern part of Socotra bore E.S.E. 3 leagues; the southern most
brother South 4 or 5 leagues; the northern most S.W. 5 leagues & the
white rock N.E. by N. 3 leagues. (303). remarks on the currents (305)
make I. Rodriguez (307). make the land & get soundings on the bank
of Lagullas (311). Make St Helena (313). Ascension (315) get soundings on
the coast & arrive at Salem (323). Various Magnetical Observations on
this passage,

N^o. 16.

John Hadman's journal, in the Ship Two Brothers, from
the Mediterranean to the Isle of France, & back.

Set sail from Gibraltar, make Cape Spinel (327).

Observe a solar eclipse of the moon to determine the longitude (page 337)
make Rodrigie (347) arrive at the I. of France (347). Many magnetical
observations on this passage (347).

Set sail from the I. of France (349). Make obtain soundings
on Lagullas banks (353). Current in this track (353) various soundings
(353, 355) got soundings abreast of the South Channel (367) Make
Cape Ann (369)

Remarks on the climate of the Isle of France (370).

N^o. 17.

George Roper's journal, from Virginia to Martinico,
from Hispaniola to Virginia,
from Alexandria to Europe & back.

Set sail from Virginia (373). arrive at Jaquemat (375 no 1). Latitude of
St Nicholas Mole $19^{\circ} 50' N$. set out for Virginia (377) make Henegat (377)
acklin's key. Observed the latitude of Bird Rock $22^{\circ} 49' N$. Make
Crooked I. Watlings I. (377). Make Cape Henry (379) observe the latitude
of New Point Comfort (379) an addition page 405).

Take a departure from Cape Henry for Lisbon (381). Make
Cape Spichel observe its latitude $38^{\circ} 22'$, as also that of Lisbon
 $38^{\circ} 42'$. agreeing with books. (387). Come to anchor at Belem. (387).

Set sail from Lisbon for Rochell (389) observe the
latitude of Ile Breiz $46^{\circ} 42'$. which agrees with books.

Set sail from Isle Re (391) make Beachy Head (391)
and Calais (393). South Foreland lights (393).

Continuation of No 14.

Let sail from Havre (395). observe the latitude of Cape Borneus light-house (395). make the Isle of Wight, observe the latitude of the Start Point, make it 3 miles different from the Tables. (395). get soundings on George's bank (401). Observe the latitude of. Thatchers Island lights $42^{\circ} 38' N$. which agrees with the Latitude Journal No. page . arrive at Salem (405).

Observation of the latitude of Henega $20^{\circ} 55' N$. very erroneously laid down in ~~books~~ charts, remarks on the passage. between Henega and Achling's Key (403). Observation on the latitude of Castle Islands (or South Key) $22^{\circ} 9' N$. which is 11' different from that in the Edition of the Navigator (403). Observe the latitude of Bird Island or North Key of Crooked Island $22.51 N$. error in the Navigator $23'$. (404) Latitude of the anchorage at Crooked Island (404). Remarks on the anchorage at New Point Comfort, & its latitude observed $37^{\circ} 19' N$. (405). Observed latitude of Windmill Point $37^{\circ} 37' N$. Latitude of Smiths Point (406). Remarks on entering Jacquemel, appearance of the land near it &c. (407).

Recommend the chart of the river Tagus published by Mount & Page in 1749, prefers it to some late charts, (Latitude of Lisbon $38^{\circ} 42' N$. (408). Latitude of Ile Dieu (408) $46^{\circ} 42'$. remarks on that Island & the shoals near it, Remarks on the Isle Re which lies S.E. from Ile Dieu. Soundings erroneously marked on the late charts (408) Remarks on the entrance of Havre de Grace, appearance of the land &c. (409). Various interesting notes in several parts of this journal.

N^o 18.

Joseph Phrippen's journal in the Ship Hazard, Richard Gardner master, from Salem to Europe and India & back to Salem,

Set sail from Salem (412) get soundings on the coast of France & (413 N^o 1) Make the Ecket lights, & Cape La Havre (414) Proceed from thence to Antwerp (415) Set sail from Antwerp, proceed down the channel take a departure from the Eddystone light (416) Make I. Fortaventura, Canaria (418). In. Lab, Mayo, St Jago, come to anchor in Praya Bay (420). Set sail from Port Praya (420) Make Tristan de Cunha (424). Make Cape Lazullas, & arrive at the Cape of Good Hope (428). - Set out from the Cape of Good Hope (430) make the land in the coast of Orissas (440) arrive at Calcutta (440). Many magnetical observations taken in this passage.

Take a departure from Point Palmyras (442) meet a south westerly current off the Cape of Good Hope (450) North westerly (452) various magnetical observations.

N^o 19.

Thomas B. Osgood's journal in the Ship Bonetta, Benj^r Raphael master, from Salem to Nocha & back,

Set sail from Salem (464). make Trinidad (470). Estimate Trinidad to lie in 30° W. long. [Perouse made it in 28.32' W. having the best circles & chronometers to make his observations with, & which result is confirmed by the observation in Journal N^o 3 Page 233 vol. 1.] Make the Cape of Good Hope (474) Madagascar (476) remarks on the currents in this track. Make Mozambique & come to anchor there (478)

270
during my stay in the Isle France; which was
from 11 November Until 11 December, it being
the season for rains and Hurricanes, the weather
was remarkably fine; in general the sky was serene
and a steady breeze continued to blow from the ENE
(except from 4 to 6 O'Clock in the morning) then
it was calm, — the Inhabitants say that the bad
weather formerly experienced becoming more mild
every year, they say it is owing to clearing and cul-
=tivating the Land; — the Violent Storms that formerly
Caused so much dread are now scarcely felt.

J. Y. 3

DIRECTORY

No. 17

Journal

From *Sundry places* — — — — — to *Sundry places*
 in the *Brig Luky Geo Mopes* — — — — — Master :
 kept by *Geo Mopes* — — — — — for the use of the

EAST INDIA MARINE SOCIETY.

AT a Meeting of the *EAST INDIA MARINE SOCIETY*, at their Hall, on Wednesday evening, November 4, 1801, it was unanimously voted, That, in order to promote one great object of their institution, which was the acquiring of nautical knowledge, a Committee should be chosen to procure *BLANK JOURNALS* for the use of the Society; and that each Member bound to sea should be furnished with one of them, to be returned at the end of his voyage, with a regular diary of the winds, weather, and remarkable occurrences, during his voyage, arranged in such manner as the Committee should direct.

Conformable to the above vote, a Committee was chosen; who, having procured *JOURNALS* of the present form, request the Members to fill up the blanks according to the following

DIRECTIONS.

THE blank at the top is to be filled up with the names of the Master, and of the person keeping the Journal, the name of the ship, and the places nearest to the ship on the days given in that page. As for example: after passing the Cape de Verds, say, from the Cape de Verds towards the Cape of Good Hope.

In the 1st column of the Journal must be marked the day of the month; in the 2d, the course made good on that day; in the 3d, the distance sailed; in the 4th, the latitude at noon by account; in the 5th, the latitude by observation; in the 6th, the longitude by account; in the 7th, the longitude by observation reduced to noon by means of the log, or a time-keeper.

When the variation is observed, it is to be marked in the 10th column, the latitude and longitude in at the time of taking the observation being calculated from the observed latitude and longitude at noon by means of the log, and marked in the 8th and 9th columns. When the variation is observed both in the evening and morning of the same sea-day, the evening observation must be marked first; and it may be also noted whether the observation was by an azimuth or amplitude, by marking the former *az.* and the latter *am.*

The winds are to be marked in the 11th column, two or three times each day, placing them regularly beneath each other.

In the right hand column must be noted, the general state of the weather, winds, currents, bearings of capes, islands, &c. with their estimated distances, and any other remarks that may be useful to navigators.

When an opportunity offers to take any observations for determining the latitude or longitude of any remarkable place or point of land, it should be carefully attended to; and, for the satisfaction of those who may examine the Journals, it will be proper to give a detail of the observations. Thus, if the observation was taken for determining the latitude by the meridian altitude of the Sun, it would be proper to note the altitude of the Sun's lower limb, taken from the quadrant, his declination, and the bearing and distance of the place at the time of observation. Should the place not be in sight at the time of taking the meridian observation, it would be proper to note the course and distance made good by the ship, between the times of taking the meridian observation and observing the bearing of the land. A particular attention to observations of this kind will probably be the means of procuring a valuable collection of useful information. If the latitude or longitude observed should differ from any late books or charts, it would be proper to note it. In case any general remarks on the wind, weather, &c. experienced in the passages, should occur to the Journalist, he is requested to arrange them in the pages allotted for that purpose at the end of the Journal. A blank page is also assigned for an account of the coin, weights and measures of the several places touched at in the voyage; and it is hoped that care will be taken in acquiring information on these subjects. Any remarks on the commerce of the different places touched at in the voyage, with the imports, exports, and manner of transacting business, will be of public utility. Whatever is singular in the manners, customs, dress, ornaments, &c. of any people, is deserving of notice.

There should be collected, for the Museum, specimens of various kinds of vegetable substances, earths, minerals, ores, metals, volcanic substances, &c. There should also be preserved such parts of birds, insects, fish, &c. as serve most easily to distinguish them, and if no part can be preserved, a description of any that are remarkable may be given. Inquiry should be made for any remarkable books in use, among any of the eastern nations, with their subjects, dates and titles. Articles of the dress and ornaments of any nation, with the images and objects of religious devotion, should be procured.

Geodesics

Journal, in the Brig *Sakey Geo*

| Date. | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|-------------------------------------|-------------|-------|-----------|-------|------------|------|---|-------|------------------------------------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| 1802 | | | | | | | | | |
| Oct ^r 23 | S 79° E | 61' | 36.47 | 36.38 | 75.04 | — | by our common Compass — 3/4 pt East | | |
| 24 | N 84° E | 72' | 36.48 | — | 73.36 | — | — | — | 1/2 pt East |
| 25 | S 58° E | 79' | 36.01 | 35.54 | 72.04 | — | — | — | all ^d 1/2 pt |
| 26 | S 53° E | 118' | 34.44 | — | 70.09 | — | — | — | all ^d 1/2 pt East |
| 27 | S 46° E | 69' | 33.56 | 34.07 | 69.09 | — | — | — | all ^d 1/2 pt East |
| 28 | S 76° E | 114' | 33.40 | 33.30 | 66.56 | — | — | — | 0 |
| 29 | S 87° E | 126' | 33.25 | 33.26 | 64.25 | — | — | — | — |
| 30 | S 58° E | 97' | 32.25 | 32.14 | 62.47 | — | — | — | — |
| 31 | S 56 1/2° E | 171' | 29.39 | 29.57 | 61.22 | — | — | — | — |
| Nov ^r 1 st | S 82° E | 107' | 28.11 | — | 61.05 | — | — | — | — |
| 2 | S 76° N | 73' | 27.01 | 27.06 | 61.26 | — | — | — | — |

Bope Master, from *Virginia* towards *Martimeo*

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|----------------|--|
| SSW West - | I find I have been set to the southward by the current - pleasant weather - |
| SE - NE - | Squally flattering weather suppose myself in the Gulf, for which I allow 1 mile per hour. NE - |
| Calms - NNW | first part Calm and tumbling Sea - Latter part a fresh Gale from NNW. allow 10' NE for the Gulf - |
| NNE ENE. | first part a fresh Gale from NNE - Latter part more Moderate - |
| East WSW - | fresh Gales lay too all night with the Wind at SSW & South - |
| WSW | pleasant weather, - very little Variation that I can see by our common Compass - |
| WSW NW. | pleasant weather - - |
| WNW NE. | pleasant weather - |
| NE - ENE. | a fine breeze & pleasant weather |
| ENE. SE - | fine weather, Nothing more Remarkable |
| SE - East - | Moderate fine weather - |

Geo Mopess

Journal, in the

Brig Turkey Geo Mopess

| Date. 1802 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|-----------------------|----------|-------|-----------|---------|------------|------|------------|-------|---------------------------------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| Nov ^r 3 | S 88° W | 60' | 26.06 N | 26.15 N | 61.29 W | — | — | — | along 1/4 East |
| 4 | S 77° W | 62' | 25.12 | 25.36 | 61.45 | — | — | — | 1/2 pt East. |
| 5 | S 41° E | 56' | 24.54 | 24.41 | 61.4 | — | — | — | 1/2 East |
| 6 | S 58° E | 70' | 23.39 | 23.42 | 60.28 | — | — | — | 1/2 pt East |
| 7 | S 68° E | 51' | 23.23 | — | 59.37 | — | — | — | 1/2 pt East |
| 8 | S 52° E | 76' | 22.36 | 22.52 | 58.32 | — | — | — | 1/2 pt East |
| 9 | S 41° E | 63' | 22.04 | 22.04 | 57.47 | — | — | — | 1/2 pt East |
| 10 | S 67° E | 54' | 21.42 | 21.41 | 56.53 | — | — | — | 1/2 pt East |
| 11 | S 45° E | 45' | 21.10 | 21.21 | 56.20 | — | — | — | 1/2 pt acc |
| 12 | S 18° W | 46' | 20.37 | 20.49 | 56.35 | — | — | — | 1/2 pt at Sun set |
| 13 | S 43° W | 73' | 19.56 | 20.19 | 57.29 | — | — | — | 1/2 pt East at Sun set |

Master, from *Virginia* towards *Martinico*

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|--------------------------|---|
| East ESE | Very moderate - some light showers in the night - wind variable - |
| SE SSE | Moderate & head wind - |
| SSE Variable WNW | first part pleasant - middle part squally |
| WNW WNW Variable | almost calm but pleasant weather - |
| calm SSE SSW | Very squally variable weather |
| SSW South SSW | Squally variable weather - |
| SSW Variable South | Squally variable weather attended with hard Thunder & sharp lightning - |
| SSW South SW | a hard gale all night - lay by under ballance Main sail - under moderate - |
| SSW Calm NE | Very moderate - but pleasant weather |
| ENE ENE SSE | Very pleasant weather - but no trade wind, as yet - it beats all I ever saw - |
| SE South SSE | head wind yet - but good weather - |

Journal, in the *Brig. Lukey Geo. Papes*

[illegible]

Geothorpes Journal, in the *Brig Siskey Geo Peoples*

| Date. | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|-----------------------|--|-------|-----------|---------|------------|------|-------------------------------|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| 1803 | | | | | | | | | |
| July 18 th | the winds are light and the land in sight I don't work up — the Mole Harbor Lays in 19.80 fathoms | | | | | | | | |
| 10 | | | | | | | | | |
| 20 | | | | 22.11.1 | | | | | |
| 21 | | | | 22.49 | | | Variation 1 point East — good | | |
| 22 | | | | 22.49 | | | | | |
| 23 | | | | | | | | | |
| 24 | N 17° W | 49' | 23.37.1 | 23.42 | 73.46 W | — | | | 1 pt |
| 25 | N 12° E | 55' | 24.53 | 24.55 | 73.44 | — | abou 1 pt East — | | |
| 26 | N 6° E | 90' | 26.25 | 26.23 | 73.34 | — | abou 1 point East — | | |
| 27 | N 16° W | 74' | 27.35 | — | 73.58 | — | Large 1/2 pt East — | | |
| 28 | N 3° W | 137' | 29.52 | — | 74.26 | | | | |

Master, from

Hispaniola

towards

Virginia

Winds.

Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

N E light wind — I find $3\frac{1}{4}$ ft East Variation near Mole
St. Nicola & about the same in all parts of the Bight —
and 1 ft on the South. side of the Island — by a great Number of Experi

S N E

at $\frac{1}{2}$ past 11 Am saw the Island of Henego

Turn to Note No 1

N E

between Henego & either or Acklin's Key — found 1 point
East Variation by common compass — 9°
Turn to Note No 2 —

N E

at meridian Bird Rock bore N E about 3 Miles of course
the Latd of the same is $22^{\circ} 49'$ Turn to Note No 3

N E

at Anchor at Crooked Island blowing hard at N E

S N E

at Anchor at Crooked Island blowing hard at S N E

East

at $\frac{1}{2}$ past 10 Pm got under way at Crooked Island with
the wind at East — at Sun Rise 1 point Variation East

East

at 6 Pm Wattle Lings Island bore N by S $3\frac{1}{2}$ Leagues Dist
the south of it from which I take my Depⁿ — ^{3 Leagues North of}
Camp No 10 — ^{Dist 680 miles}

S E

S W

pleasant weather — The Brig Joseph & James
of Philadelphia — Captⁿ Watson in Company —

S W

N E

I have compared my three Compasses — and
find them all agree —

N E by N

S E

Bore with a fresh Gale —

Journal, in the

Brig. Luker Geo. Major

[illegible]

Master, from *Watlings Island* towards *Virginia*

Winds. Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

SE
for
NNE, W ✓
Nothing remarkable - but blowing weather

To Cape Hatteras the Course is N 50. W Distance 198 Miles
To Cape Henry the Course is N 33. W Distance 270 Miles

NW
West - By adding a point Error in the variation in yeater days work
to the Course and taking off 17 miles Error in the Distance
it makes the Distance Right

N 50. S
NW
To Cape Henry Course is N 57. 30 W Dist 169 miles

SE
SW
NW
I differ straight Degree in Longitude & making the Land
which we saw at 4 in day NW W & leagues Dist 12 southward went
in the Lat 36. 30 - Nine leagues to the South Cape Henry -

at Meridian Cape Henry bear S E just in sight half Mast high at NW Lat 40
visible to the Cape Henry as it lay down, which is a bough? Summ'd.
Dist - 25 - 5.8
Lat 36. 30 - 12.8

at Meridian New point Comfort bear N 74. N 3 Miles
my Lat 40 is 37. 19. N which gives 37. 19. Lat of the point
Turn to note N^o 4

Turn to note N^o 4

Turn to note N^o 5

Geodesics

Journal, in the Brig Sakey Geodesics

| Date. 1803 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|------------------------|-----------|----------------------------------|--------------------|--------------------|--------------------|------|----------------------------------|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| March 29 th | From this | till Sunday April 3 ^d | a Constant head | | | | | | |
| April 3 ^d | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | 186° E | 109' | 36.50 ^r | 36.36 ^r | 73.21 ^W | — | ½ pt East by a Common Compass | | |
| 7 | 188° E | 102' | 36.33 | 36.26 | 71.15 | — | ½ pt East — | | |
| 8 | 183° E | 80' | 36.19 | 36.18 | 70.14 | — | ½ pt East Veni allowed — | | |
| 9 | 166° E | 103' | 37.03 | 37.65 | 68.26 | — | ½ pt all East | | |
| 10 | 164° E | 129' | 38.10 | 38.01 | 66.01 | — | None all | | |
| 11 | 177° E | 68' | 38.16 | 38.11 | 64.37 | — | None all | | |
| 12 | 174° E | 141' | 38.50 | 38.46 | 61.44 | — | None at Low Sea | | |

Master, from

Alexandria

towards

Lisbon

Winds.

Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

Wind beat every step of the way to St Marys —

Nothing Turn to Note No 6

Nothing Remarkable

SB8 in the afternoon & Night Searching for a Pilot boat
at 11 Am put the Pilot out —
at mention Judge Cape Henry to bear West 11 leagues dist

NW8 a fresh breeze & rough Sea —
NB8 - Latter part suppose myself in the Gulf —

SB8 fresh breeze & rough Sea —
NB8V find a current setting to the South — 1st Observation

NB8V Moderate pleasant weather —
SB8V

SB8 Begin Moderate
SW - Ends with a fine Breeze

SW a fresh Breeze & rough Sea —
NB8V

North Light winds & variable — Suppose we are in the
variable Gulf —

West first part Moderate
WSW middle & latter part a fresh Gale —
West

Geographer's

Journal, in the

Brig Lukey Geo. Thompson

| Date. 1803 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|---------------|-----------------------|-------|-----------|---------------|------------|------|--|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| April 13 | th S 86° E | 117' | 38.38 N | 38.43 N | 59.16 W | — | 1/4 point west by a common compass | | |
| 14 | N 83° E | 78' | 38.52 | 38.49 | 57.36 | — | 1/2 pt West | | |
| 15 | S 60° W | 178' | 39.36 | 39.34 | 53.54 | — | 3/4 pt West all | | |
| 16 | N 85° E | 166' | 39.47 | 39.15 | 50.19 | — | 1 pt West all | | |
| 17 | S 61° W | 113' | 39.56 | 39.48 | 47.52 | — | 1 pt West all | | |
| 18 | N 89° E | 183' | 39.49 | 40.12 | 43.53 | — | 1 pt West at Sun Set about | | |
| 19 | S 87° E | 137' | 40.05 | 40.11 | 40.54 | — | 1 1/4 pt at Sun Set | | |
| 20 | N 83° E | 118' | 40.25 | 40.25 | 38.19 | — | 1 1/2 pt at Sun set West | | |
| 21 | S 69° E | 102' | 39.49 | 40.04 | 36.14 | — | 1/2 points | | |
| 22 | S 63° E | 75' | 39.10 | 39.16 poor | 37.07 | — | 1 1/2 points all | | |
| 23 | N 45° E | 77' | 40.11 | None | 33.55 | — | 1 1/2 points all | | |

Master, from

Alexandria

towards

Lisbon

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|----------------------------|--|
| N N W N. v E N E E E | Begins with a fine breeze & pleasant End Moderate — |
| East South S W — | Begins Moderate & high sea End with a fine Breeze & Cloudy — |
| W S W | a fine Breeze — & hazy |
| W. W. | a fine Breeze and hazy — |
| W S W S S W | Begins with a fine Breeze Middle part Moderate — |
| S S W | a fine Breeze & hazy |
| S S W South | first part a fine breeze latter part Moderate |
| S S E South | first part pleasant Middle part something squally — |
| S S W W S W N N W | Moderate & pleasant weather — |
| N E E East — S S E — | fresh breeze, rough sea & Cloudy weather and something squally — |
| S S E S S — South — | Squally Raining weather — |

Geographer's Journal, in the *Brig Lukey Geo Prober*

| Date. | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|----------|----------|-------|-----------|-------|------------|-------|---------------------|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| 1803 | | | | | | | | | |
| April 24 | N 85° E | 134' | 40.23 | 40.51 | 31.00 | — | 1 1/2 pts West | | |
| | | | | | | | by a Barometer Com. | | |
| 25 | N 89° E | 117' | 40.53 | 40.49 | 28.26 | — | 1 3/4 points at | | |
| | | | | | | | sun's edge | | |
| 26 | S 84° E | 141' | 40.35 | 40.16 | 25.22 | — | 1 3/4 pts all | | |
| 27 | S 62° E | 104' | 39.27 | 39.20 | 23.23 | — | 1 3/4 pts all | | |
| 28 | S 46° E | 90' | 38.18 | — | 21.59 | — | 1 3/4 pts all | | |
| 29 | S 23° E | 48' | 37.34 | 37.19 | 21.36 | — | 1 3/4 pts all | | |
| 30 | S 41° E | 44' | 36.46 | — | 21.00 | — | 1 3/4 pts all | | |
| May 1 | S 84° E | 35' | 36.42 | 36.43 | 20.16 | 16.38 | 1 3/4 pts at sunset | | |
| | | | | | | | by two obs. | | |
| 2 | East | 52' | 36.43 | — | 19.10 | 14.54 | 1 3/4 pts at sunset | | |
| 3 | N 66° E | 84' | 37.14 | 37.3 | 17.56 | — | 1 3/4 pts all | | |
| 4 | N 85° E | 85' | 37.11 | 37.15 | 15.50 | — | 1 3/4 pts all | | |

Master, from *Alexandria* — towards *Lisbon* —

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|-------------------------------------|---|
| S 397 S 500 N 8 E | first & middle part equally Latter part pleasant — |
| West N 100 W N 10 E | Begins with a good Breeze Middle part Moderate Latter part a good Breeze something Cloudy — |
| N 100 W N 86 W N 8 E | first part a fresh Gale Latter part Moderate — |
| S 10 E N 8 E | a fresh breeze and large swell from the N 8 and Cloudy |
| S 10 E S 60 W S 8 E | A moderate breeze a large swell from the N 8 and Cloudy |
| S 60 W East S 60 E | Moderate Cloudy weather |
| S 10 E N 8 E | Very Moderate & Cloudy — |
| S 10 E N 8 E N 11 W | I made no allowance for the Gulf Stream which I was in 10 or 12 days. I compute? Expect like 4 or 5 degrees to the East of my account — |
| N 100 W East N 10 E N 86 E | Moderate Cloudy weather To the Rock Lisbon Course N 65° Dist — 200 8 285 |
| N 8 E North N 100 W | Moderate Cloudy weather To the Rock Lisbon Course N 60° Dist — 204 |
| N 10 E N 8 E | fresh breeze & large swell To the Rock Lisbon Course N 51° E. Dist — 143 |

Geophages

Journal, in the Brig. *Lokey Geo Probes*

[illegible]

Master, from

Alexandria

towards

Lisbon

Winds.

Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

NNE
NNE
NE

fresh breeze & gally

NNE
NNE
NE

fresh gale wind & high sea

NNE
NNE
NNEModerate & pleasant — at 3 Am saw ^{the} land to East of us
about two leagues distant — it proves to be 68 miles to the
South of Rock of Lisbon being the wind to the 14 days —NNE
NNEfrom 2 to 3 leagues from the land all this 24 hours
Moderate weather and a South E. Current —NNE
NNE
NNEat Meridian Cape Espichel bears NNE about 3 leagues
which agrees very well with last Off. as last Off. 38.21
(there is a light house on Cape Espichel) 10th Off. 38.22NNE
NNE
NNEat Meridian the City of Lisbon bore 8th N about 3 leagues
Cape Espichel SSE and the outer land of the Rock Lisbon NNE
Lat. 38.42
Long. 13.42
Observation 38.42at 4 Pm came to anchor at ^{Bellem} Castle
at 6 o'clock weighed again — at 8 moved ship at the City of Lisbon
Turn to Note p 8

Master, from *Lisbon* — towards *Prochell* —

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|-------------------------------|---|
| v.r.v.r v.r.v.r v.r.v.r | at 7 P.m. Cape Espichel bore E 1/2 N from which I took my Dep ^t — head wind & foggy — |
| v.r.v.r v.r.v.r v.r.v.r | Light airs of wind & pleasant — |
| v.r.v.r v.r.v.r v.r.v.r | Light winds & pleasant Several sail in sight — |
| v.r.v.r v.r.v.r v.r.v.r | fresh Breezes & Cloudy |
| v.r.v.r v.r.v.r v.r.v.r | fresh Breezes & Squally at Meridian Cape Finisterre bore S 86 S - 6 or 8 leagues Dist |
| v.r.v.r v.r.v.r v.r.v.r | fresh Breezes & Squally — To Belle Ile Compt N 54° E Dist — 23 1/2 — |
| v.r.v.r v.r.v.r v.r.v.r | Pleasant weather — — — To Belle Ile Compt N 49° E Dist — 76 — |
| v.r.v.r v.r.v.r v.r.v.r | At 3 A.m. saw the Ile dieu bear ^d South about 2 leagues — took at Meridian the Ile dieu bore E S 8 1/4 S 2 leagues Dist — At 3 P.m. Binter the Book agrees with my Observation as in 46. 42. v — |
| | Turn to Note No 9 |
| | |
| | |
| | |

Ship
65.5
24.0
22.4
46.4

Geographical Journal, in the Brig Lukey Geo Prosser

| Date. 1803 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|----------------------------|---|-------|-----------|---|------------|------|---|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| <i>July 1st</i> | | | | 46.43. N | | | | | |
| 2 | 184° W | 63' | 46.33 N | <i>No Ob for</i> 46.43. N | 3.54 W | — | <i>at Sun Set 1 3/4 pts West Variation</i> | | |
| 3 | 179° W | 59' | 46.44- | 46.37- | 5.19- | — | 2 pts ² all ^d | | |
| 4 | 162° W | 55' | 47.03 | 47.00 | 6.31 | — | 2 pts ² at Sun Set | | |
| 5 | 159° E | 28' | 47.21 | 47.21 | 6.04 | — | 2 pts ² all ^d | | |
| 6 | 153° E | 37' | 47.58 | 47.52 | 6.00 | — | 2 pts ² all ^d | | |
| 7 | 146° E | 80' | 49.9 | — | 5.29 | — | 2 1/2 pts ² all ^d | | |
| 8 | 155° E | 91' | 50.00 | 49.56 | 3.32 | — | 2 1/2 pts ² all ^d | | |
| 9 | 159° E | 63' | 50.28 | 50.20 | 2.7 | — | 2 pts ² by the Sun at Rising & Setting | | |
| 10 | the Mc Wright and Beachey head are both of a good height - and high white Banks | | | | | | 2 pts ² west at Sun Set | | |
| 11 | | | | | | | 2 pts ² west at Sun Set & Sun Rise - | | |

12 the Land along the River Somme in France is of a moderate height & white Banks

2 pts² at Sun Set W

Master, from

He He

towards

English Channel

Winds.

Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

at 4 P.m. got under way with a light breeze from the NW^d
 at 8 the Pilot left us — at 12 at Night He He light bore
 S S E about 5 leagues — at Meridian He He bore S S E 4 leagues

North
 N N E
 N W —

the first & middle part light breeze & pleasant
 & foggy —

N N W
 N N E
 N E —

pleasant weather & smooth sea —

N E
 N N E.

Light breeze & pleasant weather

N N E
 North
 N N E

Moderate pleasant weather — at 8 A.m. was boarded
 by English Privateer — treated very well and suffered to
 pass

N N E
 N N W
 N W —

boarded by 3 English Armed Vessels —

N N W
 N N W
 S W —

first part pleasant — Latter part Rainy & foggy —

S W
 S E
 S S W —

first part a fresh breeze & foggy — Latter part pleasant —
 spoke a Brig - Wm Briggs Com^r from Haver - to N York

S W
 North
 N N W

good weather — at 10 A.m. was spoke by an English
 Frigate - at Meridian the He White bore N E about 4 leagues dist.

E S E
 Calm

at Meridian Beachy head bore N E about 4 leagues dist. we
 being in 25 fathoms water
 Bore Calm — Laid by Observation 50-28 N —

Calm
 E S E

at Meridian Beachy head bore N W Laid by Obsⁿ 50-22 N

N E

at Meridian Dange Ness light house bears N W about
 2 1/2 leagues distance — Laid by Obsⁿ 50-45 N —

Gu. Rogers

Journal, in the Brig Lukey Geo Porter

[illegible]

Master, from *He Re* ——— towards *English Channel* —

Winds. *Weather, Currents, Bearings of the Land, and Remarkable Occurrences:*

N E - *at Meridian Calais bore E S E $\frac{1}{2}$ S 3 or 4 leagues distant*
N 6 W *Lat $51^{\circ} 54' 00''$ N —*
N E -

the light house on the South Foreland (Eng) stands on a high Bank

Geographical

Journal, in the Brig Lukey Geographical

| Date. | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|-------|------------|-------|---|---------|------------|------|------------------------|------------------------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| 1823 | | | | | | | | | |
| 21 | — | — | — | — | — | — | — | — | — |
| 22 | — | — | <i>all of Center 52.25</i> <i>30 lat — 37.22 N</i> <i>Decl — 12.3 N</i> <i>Lat Obs — 49.35 N</i> | | | | | | |
| 23 | | | | 50.09 N | | | | 2 pt ^s West | |
| 24 | | | | 50.03 | | | | | |
| 25 | | | | 50.12 | | | | | |
| 26 | S 52° W | 46 | 49.28 N | 49.22 N | 6.09 W | — | | | |
| 27 | N 83° W | 147 | 49.40 | 49.19 | 9.52 | — | 2 pt ^s west | Deviation | |
| 28 | N 46° W | 35 | 49.44 | 49.41 | 10.31 | — | 2 pt ^s West | | |
| 29 | N 54° W | 95 | 50.39 | None | 12.29 | — | 2 pt ^s all? | | |
| 30 | N 45.30° W | 126 | 50.48 | 50.39 | 15.32 | — | 2 pt ^s all? | | |
| 31 | West | 103 | 50.39 | 50.18 | 18.14 | — | 2 pt ^s all? | | |

Master, from *Havre* — — towards *Salem*

Winds. Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

N E — at 10 Am East of from the Pier —

N E B at Meridian, Cape Baffour Lighthouse bore N. N. W. & W. about 1/2
N W 3 1/2 leagues dist which makes the land down 49.44 about 1/2
North — (Cape Baffour Lighthouse stands on low ground) 1/2 N. W. — 49.35

N. E. B at meridian the N. E. light bore N. E. about 1/2 leagues dist
N. W. W. (the N. E. light is considerable high — the ^{East} End the highest)
West —

N. W. W. head wind and good weather —
North the Bill of Portland has the appearance of an Island — flat on the top —
N. W. W. running off low to the outer part —

N. W. at Meridian the start point bore N. N. W. — the alt of Center 50.50
N. W. W. 1 make it 3 miles to the North of what it is 3 dist — 39.10
West laid down in the Book Dist — 11.2
Lat. 50.12

N. E. B at 7 Am the Lizard bore N. E. B about 1/2 leagues dist
North from which I take my dist. —
N. E. —

N. N. E. I find a strong Current setting to the South —
N. E. —

N. N. E. — Good weather Ends with a head wind —
Calms
West —

West Begins pleasant
N. E. B Latter part a fresh Gale & thick weather —
N. W. W. —

N. E. B a fine breeze — the day Ends pleasant —
N. W. W. —
N. E. —

N. E. B I find a strong Current setting to the South —
S. E. —
South —

Hydrographer

Journal, in the Brig *Siskey* Geo. Cooper

| Date. 1803 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|----------------------|----------|-------|-----------|---------|------------|------|---|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| Sept 1 st | S 89° W | 147' | 50.14 N | 50.14 N | 22.02 W | — | all 2 nd pt. West | | |
| 2 ^d | N 2° S | 17' | 50.12 | 50.4 | 22.29 | — | all 2 nd pt. West | | |
| 3 | N 6° S | 55' | 49.53 | 49.42 | 23.53 | — | all 2 nd pt. West | | |
| 4 | N 6° S | 79' | 49.27 | 49.35 | 25.52 | — | 2 nd pt. West at Sun Set | | |
| 5 | West | 119' | 49.38 | 49.24 | 28.55 | — | 2 nd pt. West all? | | |
| 6 | West | 111' | 49.24 | — | 31.46 | — | 2 nd pt. West at Sun Set | | |
| 7 | S 26° W | 52' | 48.38 | 48.39 | 32.16 | — | 2 nd pt. West at Sun Set | | |
| 8 | S 64° W | 76' | 48.06 | 47.51 | 34.01 | — | 2 nd pt. at Sun Rise Variation. — | | |
| 9 | West | 131' | 47.51 | 48.02 | 37.17 | — | 2 nd pt. at Sun Rise | | |
| 10 | S 86° W | 114' | 47.55 | 47.55 | 40.8 | — | 2 nd pt. West all? | | |
| 11 | S 49° W | 59' | 47.17 | 46.36 | 41.13 | — | 2 nd pt. all? | | |

Master, from Havre de grace towards Salem —

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|------------------------|--|
| South SSW South | first part a fine Breeze — middle part strong Breeze & foggy Latter part moderate — |
| middle | light Airs wind — and Calm — and foggy |
| N.W. middle SSW- | Very light Airs wind & Calm — find a current setting to the South. |
| South N.W. SSW- | End with a good Breeze & pleasant — |
| SSW SW- | a fresh Breeze & Cloudy — and a large Sea — all this 24 hours |
| SW S SW N.W. | Stiff Breeze & large Sea going — Rainy & Squally all this 24 hours |
| West N.W. North | Light Airs of wind and pleasant — |
| Calm SSW SW S- | pleasant weather — find a strong current setting to the Southward — |
| SW SW S- | Blowing weather and a high head bet Sea — this 24 hours |
| SW SW S SSW | Blowing weather — and a high head bet Sea — this 24 hours — to the Sable Island Course 175° W. Dist — 870 Miles |
| SSW N.W. North | find a strong Current setting to the South. to the Sable Island Course 179° W. Dist — 780 Miles |

Geographic Journal, in the *Brig Suckey* *Geographic*

| Date. 1823 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|---------------|---------------------|-------|-----------|---------|------------|-------|--|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| Sept 12 | N N $\frac{1}{2}$ S | 108' | 45-50 N | 45-35 N | 43-34 W | — | 2 $\frac{1}{4}$ pt ^s at Sun Set | | |
| 13 | S 78° W | 115' | 45-11 | 44-47- | 46-15- | — | 2 pt ^s at Sun Set | | |
| 14 | N $\frac{3}{4}$ S | 106 | 44-31 | 44-29 | 48-43 | — | 1 $\frac{3}{4}$ pt ^s at Sun Rise | | |
| 15 | S 72° W | 168' | 43-35 | No Obs | 52-25 | — | 1 $\frac{3}{4}$ pt ^s all? | | |
| 16 | S 73° W | 29' | 43-26 | 43-18 | 53-04 | — | 1 $\frac{3}{4}$ pt ^s acc? | | |
| 17 | N $\frac{1}{2}$ W | 59' | 43-27 | 43-16 | 54-25 | — | 1 $\frac{1}{2}$ pt ^s at Sun Set | | |
| 18 | N 75° W | 124' | 43-47 | — | 57-9 | — | 1 $\frac{1}{2}$ pt ^s all? | | |
| 19 | S 29° W | 62' | 42-53 | 42-41 | 57-51 | — | 1 $\frac{1}{2}$ pt ^s all? | | |
| 20 | S 85° W | 118' | 42-31 | 42-12 | 60-30 | — | 1 $\frac{1}{4}$ pt ^s at Sun Rise small | | |
| 21 | N 77° W | 110' | 42-36 | 42-34 | 62-55 | 62-30 | 1 pt at Sun Set & Sun Rise | | |
| 22 | N 88° W | 75' | 42-37 | 42-36 | 64-37 | 63-46 | a small point at Sun Rise | | |

Master, from *Havre de Grace* towards *Salerno* —

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|--------------------------------|--|
| North & Variable | I find a strong Current setting to the Southward to the Sable Island — Course $S 83^{\circ} W$ Distance 710 Miles — |
| North N. by E E. by S. | I find a Strong Current setting to the Southward to the Sable Island Course $S 86^{\circ} W$ Dist — 590 Miles — |
| E. by S East S. E. | Good weather — |
| S. E. S. S. E. South | first part moderate & Cloudy Latter a fresh Breeze & foggy — |
| North Calms Variable | Various weather — Ends pleasant — |
| W. by W S. by W S. E. | I find a Current setting to the Southward Ends with a good breeze & pleasant — |
| S. S. E. S. E. W. by S. | first part a good Breeze middle part a fresh Gale |
| West N. by W. | first & middle part foggy Latter part clear — a Current setting to the Southward? |
| N. by N. W S. by S. | Moderate I find a strong Current setting to the Southward? no Observation |
| N. E. S. E. S. by W. | good weather Obs ^d the distance of Sun & moon at 0.46 — and at 4.20 the means of the two are 60.05° — |
| S. by W N. by E N. by N. | Obs ^d the distance of Sun & moon at 1.51 by which my Long ^t is $62.25^{\circ} W$ — |

Geothropteris

Journal, in the Brig Lakey Geo Moser

[illegible]

Journal, in the

[illegible]

Note 1.

On July 19. - 1863 at Meridian the high land of Henega bore North
just in sight from the Quarter Deck, at which time the altitude lower
limb was $57^{\circ}40'$ -

| | | |
|--------------------|-----------------|------------------------------------|
| Dep & Semidiameter | add. | $57^{\circ}40'$ $12'$ |
| Distance | | $57^{\circ}52'$ $32^{\circ}08'$ |
| declina. fr Table | $11^{\circ}30'$ | $11^{\circ}26'$ |
| Variation of Decl. | $43'$ | $20^{\circ}42'$ |
| Lat. Obsd. | | |

From 11 1/2 P.M. at the rate of 6 1/2 knots per Log which gives 13 miles, when
I was close to the Shipping laying to anchor off the Salt Pond at the very
S. W part of the Island - of course the Lat. of the S. W part of Henega is $20^{\circ}55'$.
69 miles difference from the American Navigator. The Island stands from the SW.
part about E. 5 or 8 miles. About 5 miles from the said S. W part is the high-
land, which will be the first seen coming from the Southward.
Henega Reef is on the S. side near the S. W part it stretches along a
considerable distance and lies near a mile off from the Shoals.
I think a N. W. course made good from Nde St. Nicholas will strike the
high land it is about 22 leagues dist.
the Variation between Henega & Attingi Key I found to be a large point E.
in the Latitude of these Islands. -

I agree with a Col^d Douglass Resident on Crooked Island who takes great pains and is well versed in these matters. —

Blunt courses and distances from Heneage to Atlings Key I think to be very good — all these keys are dangerous and ought not to be run for in the night. Strong currents are very common here also. —

In running from the Southward for Atlings Key (or Castle Island) you will see Atlings Key first although Castle Is^d lays a league or more to the South West of it, of course the former is much higher — they appear in one and the highest land is about 4 miles to the Eastward of the most western extremity of Castle Island. —

On Sunday Feby. 20. 1803. at Meridian the S^W. part of Castle Is^d. bears S. E. about 4 miles — and the South part of Atlings Key 66 S. about the same distance. —

at which time the Alt. of Suns lower limb 56° 31

for Semi & distⁿ. — 12

Le distance — 56° 43

Declinⁿ for Table 11° 9 33° 17 S.

Variation of Dⁿ — 48 11° 5 S.

Latitude Obs^d. — 22° 12 N

thus it appears that the South part of Castle Island (or South Key) lays in the Lat. 22° 09 N 11 miles difference from the American Navigator

Note 3.

On Monday Feb^y 21st 1803 Bind Rock (on North Key of Crooked Island)
 bore N.E. about 3 miles. at which time the Alt. of the Sun

| | |
|---------------------------------------|------------|
| lower limb was | 56° 16' |
| for Semi & Dip. &c add | 12 |
| | 56° 28' |
| Zenith dist. | 33° 32' |
| Declin ^o of Rock - 10° 47' | 10° 43' |
| vari ^o on D - 4 | |
| Lat ^o . Obs ^d - | 22° 49' N. |

Bind rock lays off N.W. from
 the N.W. part of Crooked Island
 half a mile connected with the
 Island by a chain of Rocks,
 also a reef runs off from the
 Rock about N.E. 1/2 W. 1 Mile
 (dangerous)

| | |
|---|---------|
| thus the Lat ^o of Bind Rock is - | 22° 51' |
| American Navigator | 23° 14' |
| difference | 2.3 |

The Anchoring place at Crooked Island is on the S.W. point about 1/2
 league from Bind Rock. that bearing N.W. 1/2 W. bring the house with a
 flagg Staff on it (which stands highest in this part of the Island and has the
 appearance of a Bastle) to bear E.N.E. and let go your anchor in 3 fathoms
 water you are secure from all winds but Southerly & Westerly a fine sandy
 Bottom - don't be afraid of the white and black Rocks, in going in, there
 is water enough over them. -

the Salt Pond is about the Anchoring place. -

while at Anchor ^{Feb. 22^d} had a Good Obs^o. alt^o 44. 22° 38' 0

(here are both good wood & Water)
 It is 14 leagues from South Key to
 North Key Course about N. 1/2 E.

| | |
|--------------------------------------|------------|
| Semi &c | 12 |
| alt ^o Center | 22° 50' |
| Zenith Dist. | 33° 10' S. |
| Decl ^o of Table - 10° 25' | 10° 21' |
| vari ^o D ^o - 4 | |
| Lat ^o Obs ^d | 22° 49' N. |

N. H. L.

On Wednesday March 9th 1803 being at anchor at New point Comfort the point bearing $E \frac{1}{2} N$ half mile distant -

| | |
|--|------------|
| alt ^d Obser ^d lower limb | 47° 49' |
| Semi ^d &c add | 12 |
| alt ^d Obser ^d Center | 48° 01' |
| S. Dist. | 41° 59' N. |
| decli ⁿ Corr ⁿ | 4° 10' S. |
| Lat ^t . obser ^d | 37° 19' N. |

New point comfort is a place much used for Anchoring at passing either up or down the Bay, the Directions in the American Coast Pilot are very good from Cape Henry; the point bearing from S^d Cape M^d N about 8 leagues, If in coming down the Bay you wish to anchor to the point be careful of the Sand Spit that makes off from the point S. E. a mile or more - you may double round it in from 4 to 2½ fathoms, & the Soundings are very regular near the Shoal part. - Stand in about N. W. W. till you get above the naked Sand beach, and let go your Anchor in about 3 fathoms water,

New point Comfort may be known by having the appearance of a small Island (when bearing any way but North Westerly) by reason of a parcel of Trees or bushes on the N. E. end, and a low sand neck between them and the Main Land - Lat^t as above 37° 19' N. -

Note 5.

On Friday March 11th Windmill point bearing Wb S $\frac{1}{2}$ S about 5 miles
the altitude of the Sun lower limb 48° 18'

| | |
|---------------|-----------|
| Semid. &c add | 12 |
| alt. O Centre | 48° 30' |
| Z dist | 41° 30' N |
| Decl. Corr. | 3° 53' S |
| Lat. Observed | 37° 37' N |

by which it appears that windmill point lies in the Lat 37° 36'
Windmill point may be known, by having high birch trees making
separate from the other woods (and near there to) when bearing West. or to
the Southward of it — it is on the North side of the Entrance of the
Rappahannock —

Note 6.

On Sunday April 3^d at Meridion the light house on Smiths point
bearing NW $\frac{1}{2}$ N about 9 miles distance

| | |
|---------------|-----------|
| the alt. O IL | 57° 06' |
| Semid. &c | 12 |
| alt. O Centre | 57° 18' |
| Z dist. | 32° 42' N |
| Decl. Corr. | 5° 08' N |
| Lat. Observed | 37° 50' N |

thus it appears that Smiths point lays in Lat 37° 57' N —

Bound to Jacquet

Jacquet bears N.W. or N.W. by W from Attville Rock, (upwards of 20 leagues) but I would advise to steer N.W. by N. or N.W. by W till you get the Town to bear about N. — if you steer directly for the port you will be likely to have it calm and a weather current of time, out of 10,

but if you keep the offing till you get the Bay open, you may keep the sea breeze, if the day time, and the land breeze a Nights. —

its clear beating into Jacquet till you get nearly up to the Shipping were there is a Reef lay off the Fort point on the Eastern Shore,

Jacquet lays to leeward (say 4 leagues) of some large white cliffs — there is also 2 smaller white cliffs on the leeward hand going into the Bay — a little to Eastward of the Town is a flat piece of land in form of a Gunner's quoin on the Top of a high Table land. —

It shames would be likely to mistake the Town of Manigot which lays close to leeward of the large white cliffs above mentioned for Jacquet as it is plain to be seen a long way to windward and Jacquet is not till you get abreast of it. —

Note 8.

In a particular chart of the mouth of the Tagus & the City of Lisbon in the old English Pilot. Printed by Follomont & T. Page in Tower-
 Hill London in 1749 the Shoals & Channels are laid down very well,
 that is some say they are much better than two late ones that
 I have. I in my opinion very good - the City of Lis^{bon} lays in Lat^d 38.42

Note 9

The Ile Dier lays in the Lat^d of 46. 42 N. the Centre of it is of
 a tolerable good height & smooth land - there is a high tower wit-
 hout a light on the Western part which may be seen a good dist.
 and likewise several windmills - The South point is low, Off
 the N.W. part are Shoals laying off a considerable distance the
 Ile Rha lays S.E. by compass or S.E. true course from the Ile
 dien it has a light house on the N.W. point with only one
 lantern in it; although a view of it in a late french chart
 gives two, There is a high steeple to Southw^d and Eastw^d of the
 light house, If the depth of water as express^d in the above
 mentioned chart is meant for feet it is about right;
 If fathoms it is very wrong, - the Island is very low and level
 In mid Channel the Island and main you will have between
 9 & 20 fathoms water. —

Note 10.

The Land to the N.E. Havre de Grace is of a good height and high white. Steep Banks - Hold also - You may run the Shore down and shall in close to the lights which stand on the Bank at the North Entrance of the River - just so as you can see the heights above the Bow of the Ship. After you have pass'd them - bring them to bear about North - and anchor in $4\frac{1}{2}$ fathoms water. If its low water (but 7 or 8 fathoms of high water) you are then in a good Road Stead with North-Easterly winds - and good ground. You cannot go any higher without a Pilot. -

you must not give the lights too great a bath, lest you get on a Shoal which lay off from them.

when you get the lights in one you are to the Eastward of the Shoal. -

You ought to have a good hauser - for no vessel can go into the Basin without. -

(No. 18)

Journal

From *Salem* to *Europe & India*
 in the *Ship Hazard Rich^d Gardner* Master :
 kept by *Joseph Phippen* for the use of the
EAST INDIA MARINE SOCIETY.

AT a Meeting of the **EAST INDIA MARINE SOCIETY**, at their Hall, on Wednesday evening, November 4, 1801, it was unanimously voted, That, in order to promote one great object of their institution, which was the acquiring of nautical knowledge, a Committee should be chosen to procure *BLANK JOURNALS* for the use of the Society; and that each Member bound to sea should be furnished with one of them, to be returned at the end of his voyage, with a regular diary of the winds, weather, and remarkable occurrences, during his voyage, arranged in such manner as the Committee should direct.

Conformable to the above vote, a Committee was chosen; who, having procured *JOURNALS* of the present form, request the Members to fill up the blanks according to the following

DIRECTIONS.

THE blank at the top is to be filled up with the names of the Master, and of the person keeping the Journal, the name of the ship, and the places nearest to the ship on the days given in that page. As for example: after passing the Cape de Verds, say, from the Cape de Verds towards the Cape of Good Hope.

In the 1st column of the Journal must be marked the day of the month; in the 2d, the course made good on that day; in the 3d, the distance sailed; in the 4th, the latitude at noon by account; in the 5th, the latitude by observation; in the 6th, the longitude by account; in the 7th, the longitude by observation reduced to noon by means of the log, or a time-keeper.

When the variation is observed, it is to be marked in the 10th column, the latitude and longitude in at the time of taking the observation being calculated from the observed latitude and longitude at noon by means of the log, and marked in the 8th and 9th columns. When the variation is observed both in the evening and morning of the same sea-day, the evening observation must be marked first; and it may be also noted whether the observation was by an azimuth or amplitude, by marking the former *az.* and the latter *am.*

The winds are to be marked in the 11th column, two or three times each day, placing them regularly beneath each other.

In the right hand column must be noted, the general state of the weather, winds, currents, bearings of capes, islands, &c. with their estimated distances, and any other remarks that may be useful to navigators.

When an opportunity offers to take any observations for determining the latitude or longitude of any remarkable place or point of land, it should be carefully attended to; and, for the satisfaction of those who may examine the Journals, it will be proper to give a detail of the observations. Thus, if the observation was taken for determining the latitude by the meridian altitude of the Sun, it would be proper to note the altitude of the Sun's lower limb, taken from the quadrant, his declination, and the bearing and distance of the place at the time of observation. Should the place not be in sight at the time of taking the meridian observation, it would be proper to note the course and distance made good by the ship, between the times of taking the meridian observation and observing the bearing of the land. A particular attention to observations of this kind will probably be the means of procuring a valuable collection of useful information. If the latitude or longitude observed should differ from any late books or charts, it would be proper to note it. In case any general remarks on the wind, weather, &c. experienced in the passages, should occur to the Journalist, he is requested to arrange them in the pages allotted for that purpose at the end of the Journal. A blank page is also assigned for an account of the coin, weights and measures of the several places touched at in the voyage; and it is hoped that care will be taken in acquiring information on these subjects. Any remarks on the commerce of the different places touched at in the voyage, with the imports, exports, and manner of transacting business, will be of public utility. Whatever is singular in the manners, customs, dress, ornaments, &c. of any people, is deserving of notice.

There should be collected, for the Museum, specimens of various kinds of vegetable substances, earths, minerals, ores, metals, volcanic substances, &c. There should also be preserved such parts of birds, insects, fish, &c. as serve most easily to distinguish them, and if no part can be preserved, a description of any that are remarkable may be given. Inquiry should be made for any remarkable books in use, among any of the eastern nations, with their subjects, dates and titles. Articles of the dress and ornaments of any nation, with the images and objects of religious devotion, should be procured.

